

Amendments to the Claims:

1 (previously presented): A computer-readable storage medium, comprising:
a first component for interpreting a word-processor document stored as an XML file; and
a second component that is configured to perform actions, including:

placing a first XML element that includes an opening tag and an ending tag that is placed before the beginning of an XML element that contains a spelling error and placing a second XML element that includes an opening tag and an ending tag that is placed after the XML element that contains the spelling error; wherein the first XML element includes an identifier indicating that it represents the beginning of the spelling error and wherein the second XML element includes an identifier indicating that it represents the end of the spelling error; wherein the first XML element and the second XML element do not include child elements and do not include content; wherein placement of the first XML element and the second XML element within the XML file do not affect the well formedness of the XML file; and

placing a third XML element that includes an opening tag and an ending tag that is placed before the beginning of one or more XML elements that contain a grammar error and placing a fourth XML element that includes an opening tag and an ending tag that is placed after the one or more XML elements that contain the grammar error; wherein the third XML element includes an identifier indicating that it represents the beginning of the grammar error and wherein the fourth XML element includes an identifier indicating that it represents the end of the grammar error; wherein the third XML element and the fourth XML element do not include child elements and do not include content; wherein placement of the third XML element and the fourth XML element within the XML file do not affect the well formedness of the XML file.

2 (previously presented): The computer-readable storage medium of Claim 1, further comprising a third component for placing a proof state within the word-processor document;

wherein placing the proof state comprises placing a placing an XML proof state element within the word-processor document that includes an opening tag and an ending tag; wherein the proof state element includes a spelling attribute and a grammar attribute.

3 (previously presented): The computer-readable storage medium of Claim 2, wherein the first XML element, the second XML element, the third XML element, and the fourth XML element are the same type of XML element.

4 (previously presented): The computer-readable storage medium of Claim 3, wherein the first XML element, the second XML element, the third XML element, and the fourth XML element include an enumeration value that is selected from a spell start enumeration value, a spell end enumeration value; a grammar start enumeration value and a grammar end enumeration value.

5 (previously presented): The computer-readable storage medium of Claim 2, wherein the third component for placing the XML proof state element within the word-processor document, further comprises indicating when the word-processor document is in a clean state through an enumeration value that is associated with the XML proof state element.

6 (previously presented): The computer-readable storage medium of Claim 5, wherein the third component for placing the XML proof state element within the word-processor document, further comprises placing a spelling proof state property.

7 (previously presented): The computer-readable storage medium of Claim 6, wherein the third component for placing the XML proof state element within the word-processor document, further comprises placing a grammar proof state property.

8 (currently amended): A method for indicating errors within a word-processor document, comprising:

at a computing device, interpreting a word-processor document stored as an XML file;
at a computing device, placing a first XML element that includes an opening tag and an ending tag before the beginning of an XML element that contains an error that is selected from a grammar error and a spelling error; wherein the first XML element includes an identifier indicating that it represents the beginning of the error; wherein the first XML element does not include child elements and does not include content;

at a computing device, placing a second XML element that includes an opening tag and an ending tag after the XML element that contains the error; wherein the second XML element includes an identifier indicating that it represents the end of the error; wherein the second XML element does not include child elements and does not include content; wherein placing the first XML element and the second XML element do not affect the well formedness of the XML file.

9 (previously presented): The method of Claim 8, further comprising placing an XML proof state element within the word-processor document.

10 (previously presented): The method of Claim 9, wherein the first XML element and the second XML element are the same type of XML element.

11 (previously presented): The method of Claim 9, wherein the first XML element and the second XML element include an enumeration value that is selected from a spell start enumeration value, a spell end enumeration value; a grammar start enumeration value and a grammar end enumeration value.

12 (previously presented): The method of Claim 9, wherein placing the XML proof state element within the word-processor document, further comprises indicating when the word-processor document is in a clean state and a dirty state.

13 (previously presented): The method of Claim 12, wherein placing the XML proof state element within the word-processor document, further comprises placing a spelling proof state property.

14 (previously presented): The method of Claim 13, wherein placing the XML proof state element within the word-processor document, further comprises placing a grammar proof state property.

15 (previously presented): A system for indicating errors within a word-processor document, comprising:

a processor; and a memory, the memory being allocated for a plurality of computer-executable instructions which are loaded into the memory for execution by the processor, the computer-executable instructions performing steps comprising: a markup language file output by a word processor that includes a first XML element that includes an opening tag and an ending tag that is placed before the beginning of an XML element that contains an error that is one of a grammar error and a spelling error; wherein the first XML element includes an identifier indicating that it represents the beginning of the error; wherein the first XML element does not include child elements and does not include content; a second XML element that includes an opening tag and an ending tag after the XML element that contains the error; wherein the second XML element includes an identifier indicating that it represents the end of the error; wherein the second XML element does not include child elements and does not include content.

and

a validation engine configured to validate the markup language file; and

an application configured to read a markup language file created in accordance with a schema.

16 (previously presented): The system of Claim 15, wherein the first XML element and the second XML element are the same type of XML element.

17 (previously presented): The system of Claim 16, wherein the markup language file further comprises an XML proof state element.

18 (previously presented): The system of Claim 16, wherein the first XML element and the second XML element include an enumeration value that is selected from a spell start enumeration value, a spell end enumeration value; a grammar start enumeration value and a grammar end enumeration value.

19 (currently amended): The system of Claim 16, wherein an XML proof state element indicates that the document has been fully checked for at least one of spelling errors and grammar errors.

20 (previously presented): The system of Claim 17, wherein the XML proof state element, further comprises a clean state attribute and a dirty state attribute.

21 (previously presented): The system of Claim 20, wherein the XML proof state element further comprises a spelling proof state property and a grammar proof state property.